BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains at Kattigenahalli and surrounding areas in Ward No.05 Byataranapura Sub Division

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .							
Measurements Taken On :									
		Palanahalli Lake Opp Road LHS							
		LHS							
0	30		Cum	1	30.00	1.10	1.05	34.65	
30	60		Cum	1	30.00	1.10	1.05	34.65	
60	90		Cum	1	30.00	1.10	1.05	34.65	
90	120		Cum	1	30.00	1.10	1.05	34.65	
120	150		Cum	1	30.00	1.10	0.95	31.35	
150	153.3		Cum	1	3.30	1.10	0.90	3.27	
								175.22	
		RHS							
0	30		Cum	1	30.00	1.10	0.90	29.70	
30	60		Cum	1	30.00	1.10	0.90	29.70	
60	90		Cum	1	30.00	1.10	0.90	29.70	
90	120		Cum	1	30.00	1.10	0.90	29.70	
120	150		Cum	1	30.00	1.10	0.90	29.70	
150	153.3		Cum	1	3.30	1.10	0.90	3.27	
		Palanahalli Lake Opp Road LHS							
		RHS							
0	30		Cum	1	30.00	1.10	0.90	29.70	
30	60		Cum	1	30.00	1.10	0.90	29.70	
60	90		Cum	1	30.00	1.10	0.90	29.70	
90	120		Cum	1	30.00	1.10	0.90	29.70	
								1047.06	

Contractor

Assistant Engineer

Assistant Executive Engineer

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PREMEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
120	121.9		Cum	1	1.90	1.10	0.90	1.88	
		LHS							
0	10		Cum	1	10.00	1.10	0.90	9.90	
		Culvert							
		Palanahalli							
			Cum	1	12.00	1.50	0.90	16.20	
		Cross Road	Cum	1	12.00	1.50	0.90	16.20	44.18
							TOTAL	487.97	

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Contractor

Assistant Engineer

Assistant Executive Engineer

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PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 02		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the direction of Engineer in charge of the work.							
Measurements Taken On :									
		Palanahalli Lake Opp Road LHS							
		LHS							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	60		Cum	1	30.00	1.10	0.15	4.95	
60	90		Cum	1	30.00	1.10	0.15	4.95	
90	120		Cum	1	30.00	1.10	0.15	4.95	
120	150		Cum	1	30.00	1.10	0.15	4.95	
150	153.3		Cum	1	3.30	1.10	0.15	0.54	
		RHS							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	60		Cum	1	30.00	1.10	0.15	4.95	
60	90		Cum	1	30.00	1.10	0.15	4.95	
90	120		Cum	1	30.00	1.10	0.15	4.95	
120	150		Cum	1	30.00	1.10	0.15	4.95	
150	153.3		Cum	1	3.30	1.10	0.15	0.54	
		Palanahalli Lake Opp Road LHS							
		RHS							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	60		Cum	1	30.00	1.10	0.15	4.95	
60	90		Cum	1	30.00	1.10	0.15	4.95	
90	120		Cum	1	30.00	1.10	0.15	4.95	

Contractor

Assistant Engineer

Assistant Executive Engineer

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PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
120	121.9		Cum	1	1.90	1.10	0.15	0.31	
		LHS							
0	10		Cum	1	10.00	1.10	0.15	1.65	
		Culvert							
		Palanahalli							
			Cum	1	12.00	1.50	0.15	2.70	
									7.36
		Cross Road	Cum	1	12.00	1.50	0.15	2.70	
							TOTAL	77.74	

15/4/22

Contractor

Assistant Engineer

Assistant Executive Engineer

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PREMEASUREMENT SHEET FIRST AND FINAL BILL									
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no.04		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the direction of Engineer in charge of the work.							
Measurements Taken On :									
		Drain	Tonne		From Calculation Sheeet			8.24	
		Culvert	Tonne		From Calculation Sheeet			1.23	
							TOTAL	9.47	

Contractor

Assistant Engineer

Assistant Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains at Kattigenahalli and surrounding areas in Ward No.05 Byatarayanapura Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item no.04	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the direction of Engineer in charge of the work.								
Measurements Taken On;									
	Present Bill Measurements								
	For RCC Drain								
	Palanahalli Lake Opp								
	LHS								
	Main Bars (#10@130 c/c)	1	10	1179	1179	2.60	3065.40	0.62	1900.55
	Distribution(19-#8)	1	8	19	19	153.30	2912.70	0.39	1135.95
	RHS								
	Main Bars (#10@130 c/c)	1	10	1179	1179	2.40	2829.60	0.62	1754.35
	Distribution(17-#8)	1	8	17	17	153.30	2606.10	0.39	1016.38
	Palanahalli Lake Opp Road LHS								
	RHS								
	Main Bars (#10@130 c/c)	1	10	938	938	2.40	2251.20	0.62	1395.74
	Distribution(18-#8)	1	8	18	18	121.90	2194.20	0.39	855.74
	LHS								
	Main Bars (#10@130 c/c)	1	10	77	77	2.40	184.80	0.62	114.58
	Distribution(18-#8)	1	8	18	18	10.00	180.00	0.39	70.20
								QTY IN KG'S	**8243.49**
								QTY IN TONNE	**8.24**
	For Culvert								
	Palanahalli								
	12# @140 c/c main bars	1	12	100	100	4.50	450.00	0.89	400.50
	10# @160 c/c Distrubution bars	1	10	29	29	12.00	348.00	0.62	215.76
									616.26

19/11/22

Contactor

Assistant Engineer

Assistant exicutive Engineer

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Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	12# @140 c/c main bars	1	12	100	100	4.50	450.00	0.89	400.50
	10# @160 c/c Distrubution bars	1	10	29	29	12.00	348.00	0.62	215.76
							QTY IN KG'S		1232.52
							QTY IN TONNE		1.23
							TOTAL QTY IN KG'S		9476.01
							TOTAL QTY IN TONNE		9.48

18/04/22

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Contractor

Assistant Engineer

Assistant exicutive Engineer

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